

CLAIMS

What is claimed is:

1. An anvil for use with an impact wrench, the anvil comprising:
a round body;
a square head formed at an end of the round body;
a recessed radius portion formed in between the square head and the round body.
2. The anvil of claim 1, further comprising a tapered ramp extending around the circumference of the round body and tapered toward sides of the square head.
3. The anvil of claim 2, wherein the radius extends around the circumference of the tapered ramp.
4. The anvil of claim 1, wherein the square head and round body define a longitudinal axis, and the square head includes a roll pin hole adapted to receive a roll pin, the roll pin hole extending into the square head parallel to the longitudinal axis of the round body.
5. The anvil of claim 4, wherein the square head further includes a recessed portion surrounding the roll pin hole.

6. The anvil of claim 1, wherein a cross sectional area of the anvil at the radius is less than a cross sectional area of the anvil at the square head.

7. An impact wrench comprising:
a housing;
a motor mounted within the housing;
an anvil driven by the motor, the anvil including a round body and a square head formed at an end of the round body, and a recessed radius portion formed between the square head and the round body.

8. The impact wrench of claim 7, further comprising a tapered ramp extending around the circumference of the round body and tapered toward sides of the square head.

9. The impact wrench of claim 8, wherein the radius extends around the circumference of the tapered ramp.

10. The impact wrench of claim 7, wherein the square head and round body define a longitudinal axis, and the square head includes a roll pin hole adapted to receive a roll pin, the roll pin hole extending into the square head parallel to the longitudinal axis of the round body.

11. The impact wrench of claim 10, wherein the square head further includes a recessed portion surrounding the roll pin hole.

12. The impact wrench of claim 7, wherein a cross sectional area of the anvil at the radius is less than a cross sectional area of the anvil at the square head.

13. An anvil for use with an impact wrench, the anvil comprising:
a round body;
a square head formed at an end of the round body, the square head and the round body defining a longitudinal axis, the square head including a roll pin hole adapted to receive a roll pin, the roll pin hole extending into the square head parallel to the longitudinal axis; and
a recessed portion formed in the square head surrounding the roll pin hole.